

REMARKS

The Examiner in the parent application, United States Patent Application, Serial No. 10/043,954, issued an office action on June 11, 2003 (the "Office Action"). On September 10, 2003, Applicant submitted an Amendment in response to that Office Action. Therein, Applicant amended the specification to more clearly call for the first riser section to be adapted to selectively catalytically crack a hydrocarbon feedstock to gasoline, and for the second riser section to be adapted for selectively cracking the gasoline produced in the first riser section to olefins. The same amendments are being made in this divisional application. Support for the amendments can be found on page 5, lines 6-8, and page 6, lines 8-12, of the originally filed specification. No new matter has been added.

In the Office Action, the Examiner also objected to the disclosure as containing informalities on page 8, line 3. In accordance with the Examiner's request for correction in the parent application, the phrase "first diameter transition zone 22" on page 8, line 3, has been changed in this divisional application to the "first diameter transition zone 20" as set forth on page 6, line 17. No new matter has been added by this amendment.

Further, in the Office Action, the Examiner objected to FIG. 1 because "it is unclear as to which angle the 'first diameter transition zone 20' and the 'second diameter transition zone 25' is intended by reference characters 22 and 27 respectively." Accordingly, Applicant submits herewith a corrected FIG. 1 that further delineates the angles intended by reference characters 22 and 27. In addition, the specification has been amended to make clearer the angles referenced. No new matter has been added by the amendments.

Also in the Office Action, the Examiner rejected Claim 1 as being indefinite. The rejection was based on the use of the terms "narrower" and "wider" with regard to the first and second riser sections. In response, the specification in the current application has been amended to identify the components more particularly. No new matter has been added.

Finally, in the Office Action, the Examiner requested Applicant's cooperation in correcting any errors of which Applicant may become aware. Accordingly, Applicant

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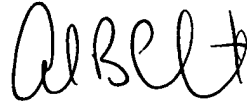
Preliminary Amendment dated September 30, 2003

has amended the specification herein to correct minor errors. No new matter has been added.

* * *

It is respectfully submitted that claims 11 through 22 are in condition for allowance. Early and favorable action is earnestly solicited.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'A B Clement', with a stylized flourish at the end.

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